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## Topics List for Bioethics

### Cells

- Use of stem cells
- Use of patient cells for cell lines (who owns the cells and discoveries made with them?)

### Characteristics of Life/Death

- Termination of care for anencephalic infants
- Definitions of death in relation to terminating life
- Assisted suicide for the terminally ill
- Artificially sustaining and prolonging life

### Environmental Ethics

- Fair allocation/use of resources
- Intrinsic value of species

### Genetics

- Privacy of genetic information
- Ownership of genetic information (patenting)
- Genetic modification of bacteria, plants, animals, or humans
- Genetic modification of food
- Gene therapy
- Genetic testing issues
- Personal responsibility and genetic determinism (how much is your behavior due to your genes?)

### Human Biology/Organ Systems

- Use of growth hormone (therapy vs. enhancement)
- Use of steroids
- Xenotransplantation (transplantation of animal parts to humans)
- Organ transplantation
- Combining humans and computers (what makes us human?)

### Microbiology

- Compulsory vaccination
- Quarantine for infectious individuals

### Reproduction

- Eugenics
- Use of Pre-Implantation Genetic Diagnosis, either to select for or against certain traits
- Reproductive cloning of humans
- Cloning of animals and plants
- Sex selection
- Having one child to save another

### Research Ethics

- Use of humans for clinical trials (testing new treatments, devices, or drugs)
- Human testing in vulnerable populations or in less developed countries
- Use of animals in medical research, dissection, or in testing of personal care products
- Appropriate use of genetic material sampled from indigenous populations

### Other

- Health care justice
- Drugs, children, and behavior control
- Race (definition, value, use of genetic difference in medical treatment)
- Gender (definition, value)